Scott. II-37—45,000—9-11-34

Secret (1935) Department.

Ms SERIES.

G.O. No. 1069

DATED 1-8-35.

[Despatch Abstract.]

1 Dev. 2324-11

Industries DEPARTMENT. 18.7.35

Received ..... 192 Registered 192

Subject.

Industries - Experiments and Demonstration - Preparation of sugar syrup - Demonstration at Mangalore -Further expenditure - Sanction for - requested.

Sanction

Enclosures.
No. Copies of two letters & one statement of expenditure.

No.768-A/34.

Station Madras, *Dated the* 14th July 1935.

From (Name) L.B.Green, Esq.,M.B.E.,

(Designation) Ag. Director of Industries.

To The Secretary to the Government of Madras,

Development Department.

Sir,

(B)

Reference: G.O.No.Ms. 615, Development dated 17th April 1935.

In the Government Order quoted above, Government sanctioned an expenditure of Rs.75/- to meet the travelling allowance and the daily allowance of the demonstrator deputed by the Indian Institute of Science, Bangalore, to demonstrate at Mangalore the preparation of sugar syrup from cashew apple. The South Kanara District Advancement Association, which was advised of the sanction requested me to arrange for the demonstration to be carried out at Mangalore without delay as the cashew season was then fast coming to a close. The authorities of the Indian Institute of Science, Bangalore, were immediately requested

to arrange accordingly, but by the time my communication reached them, Mr. M. Srinivasan who carried out the researches on the preparation of syrup from cashew apple and whom the authorities proposed to send, had left the Institute. The authorities of the Institute therefore arranged for Mr. Srinivasan to return to Bangalore from Madras and sent him with the necessary apparatus to Mangalore where the demonstration was successfully staged. A copy of the report of the demonstration furnished by the Honorary Secretaries, The South Kanara District Advancement Association, is enclosed for the information of Government together with a copy of letter dated 28th May 1935 from the authorities of the Indian Institute of Science, in which they refer to the expenditure they have incurred in the matter. It will be observed from the statement of expenditure (copy attached) incurred by Mr. Srinivasan, and supported by the authorities of the Indian Institute of Science, that the total expenditure amounted to Rs.113/- as against the sanctioned expenditure of Rs.75/- and that the excess expenditure of Rs.38/- was necessitated by Mr. Srinivasan's journey from Madras to Bangalore and back which was not originally anticipated, as well as by the luggage charges for the apparatus carried with him. In the circumstances, I submit that it would be reasonable for the extra expenditure actually incurred by Mr. Srinivasan in connexion with the demonstration, and supported by the authorities of the Indian Institute of Science to be met by Government. I accordingly recommend that Government will be pleased to sanction the extra expenditure of Rs.38/- in addition to the sum of Rs.75/- already sanctioned for the purpose. The expenditure will be met from my budget allotment under 35.b. Industries - Transferred -A. Direction - 3. Allowances and Honoraria.

pp 3+4 infra

pp.4+5 infra

P. 5 infra.

for Director of Industries.

Copy of letter dated 23rd May 1935 from the Honorary Secretaries of the South Kanara District Advancement Association, Mangalore.

Demonstration of the preparation of sugar syrup from Cashew apple.

We thank you on behalf of the Association for kindly sanctioning and arranging for the demonstration of the proces of preparation of syrup from cashew apple. Mr. Srinivasan, M.Sc., of the Indian Institute of Science and now in the University Biochemistry Laboratory, Madras, deputed by you arrived here on Sunday, the 19th of May 1935 and the demonstration was carried out on Tuesday 21-5-1935 in the Canara High School Chemical Laboratory, in the presence of the membe of the Association and a few manufacturers of fruit preserves and others interested in the process. Those who attended the demonstration were very well impressed with the extreme simplicity of the process, which will, therefore, lend itself easily for being utilised as a home industry. Rev. Fr. Lobo of the St. Antoney's Institute, Hampankatta, Mangalore, has already taken it up. They are making ginger and mango preserves on a large scale and sending them out to various places and if he finds the syrup useful, we feel sure, it will get established in Mangalore and gradually spread into the villages. The syrup is said to be very useful in the preparation of the preserves, and, inert sugar, with a high concentration of sugar, it is equally valuable in the preparation of beverages. At the demonstration, the prepared syrup was also added to coffee and given to the audience, the only point which was discussed by the audience was the removal of the odour, and Mr. Srinivasan assures us that with the proper amount of heating or by treating with a continuous current of steam. this could be completely removed, and if this is successfully carried out by the consumers here, we dare say, the demonstration will bear very fruitful results.

As a number of topics concerned with the cashew industry

were raised at the meeting, Mr. Srinivasan was taken round to two cashew factories and he has been requested to note the existing disadvantages connected with the present method of decorticating, on account of the application of the open flame, but by the use of appropriate chemicals. We hope that you will interest yourself in this matter and bring relief to the cashew merchants, some of whom seem to have been already keenly engaged in finding out ways and means of decorticating and also interested foreign scientists in the matter. We cannot, however, fail to add, that Mr. Srinivasan has impressed everyone who met him here as being well informed and his acquaintanceship with the cashew problem, and the work that he has already executed, may be utilised. Many members among the audience expressed a wish that similar demonstration carried out on cashew and other topics will be much appreciated and be very helpful to the people here.

Copy of letter No.1912/63 dated 28th May 1935 from the Professor of Bio-Chemistry, Indian Institute of Science, Bangalore.

I trust that you have, by now, received the report sent by the Secretary, District Advancement Association, South Canara, regarding the demonstration given by Mr. M. Srinivasan. It is rather pleasant to note that they have appreciated the demonstration and are anxious that further work relating to their other problems should be taken up. Mr. Srinivasan who conducted the demonstration was the very student who originally carried out the researches on the preparation of syrup from cashew apple. He had left the Institute by the time we got your communication regarding the demonstration, so, I had to get him specially from Madras inconnection with this work. Owing to this and certain other reasons, the expenses have exceeded the sum of Rs.75/- which you had originally sanctioned for this purpose. Our expenses were in fact very much more, because we had to get some extra equipment specially suitable for popular demonstration. We also had to depute one of our attenders from the Institute. We do not, however, propose charging now for the latter items.

I trust however it will be possible for you to kindly meet the entire expenses incurred by Mr. Srinivasan, in this connection. The demonstration would appear to have been a success and it is only fitting that we should encourage him by meeting all his expenses.

Statement of expenditure.

Travelling Allowance bill of Mr. M. Srinivasan, M.Sc., in connection with his demonstration regarding the preparation of syrup from cashew apple before the members of the District Advancement Association, South Kanara, Mangalore.

		Rs.	As.	P.
17.5.35.	Conveyance from residence to Central Station, Madras.	1	4	0
	Madras to Bangalore II Class fare. ..	13	14	0
18.5.35	Conveyance from Bangalore City Railway Station to Indian Institute of Science. ..	1	0	0
	Conveyance from Indian Institute of Science to Bangalore City Railway Station. ..	1	0	0
	Bangalore to Mangalore II Class fare. ..	27	8	0
	Luggage for apparatus. ..	3	3	0
19.5.35	Conveyance from Mangalore Station to hotel. ..	0	8	0
23.5.35.	-do- hotel to Mangalore Station. ..	0	10	0
	Mangalore to Bangalore II Class fare. ..	27	8	0
	Luggage for apparatus. ..	3	3	0
24.5.35	Conveyance from Bangalore City Station to Indian Institute of Science. ..	1	0	0
	Conveyance from Indian Institute of Science to Station.	1	0	0
	Bangalore to Madras II Class fare. ..	13	14	0
25.5.35	Conveyance from Madras Central Station to residence.	1	8	0
18.5.35 to 25.5.35	Daily allowance for 8 days.	16	0	0
		Rs. 113	0	0

Cy. Dep. 17/7/35

G.F.16.

DRAFT FOR APPROVAL.

Dev Dept.

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

SUBJECT:— Industries - Experiments and Demonstration - Preparation of Sugar Syrup from Cashew apple - Demonstration at Mangalore - Extra expenditure - Sanctioned.

READ AGAIN Ep. 615. Dev ; dated 17-4-1935 (B)

" " " " 19

READ *ALSO*:— pp 1-5. ef

No 2324-11/35 From the D.O , No. 768-A/34 dated 14-7-1935.

" " " " 19

" " " " 19

Order ~~Resolution~~ ~~Rout.~~ Ms. No. 1069, dated 1. 8. 1935.

The Govt. Sanction the extra/expenditure of Rs 38/- (Rupees thirty eight) incurred in ~~Connection~~ meeting the travelling and daily allowances of the Demonstrator deputed by the Indian Institute of Science, Bangalore, to demonstrate, ~~in~~ at Mangalore, the preparation of Sugar Syrup from Cashew apple

19.7.35

23/98

ASSISTANT SECRETARY TO GOVERNMENT 28 JUL 1935 MADRAS DEPTS.

To the D.O.
" " R.Eg.

Dev. wo. 2324-11/35 25.7.35 Finance

To W. Finance may see the Govt. 22.7 25/7/35

✓ 7

Finance (Expdr)

Fin. No. 23198 Exp – 1
27. 7 35

(Finance Note
on fs 8 of Gen Dis dl 17.4.35)

(B)

Dev. 2446 - II
29-7-35

The draft order
appearing a further extension
of Rs 38 may be accepted.

C
26/7/35

C/27/7

27/7

Dev.

~~Dev. Dept.~~

To W.S.

~~Fin. orders whether~~
the draft may issue

ker
30.7.35

bm
30/7

hm
31/7/35